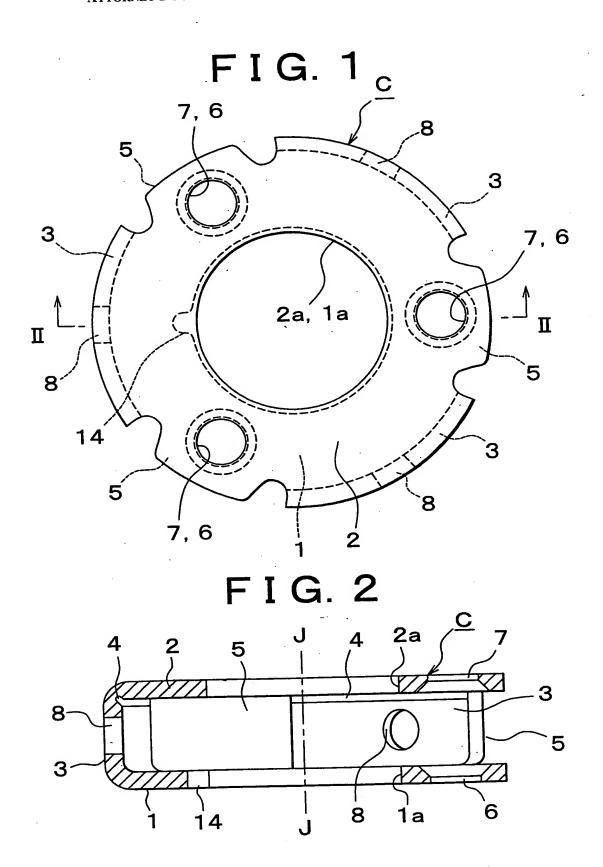
MANUFACTURING CARRELL INVENTOR(S): TAKASHI SUZUMURA ET AL.

INVENTOR(S): O32218-018 SHEET 1 of 24 ATTORNEY DOCKET NO: 032218-018



INVENTOR(S): TAKASHI SUZUMURA ET AL. ATTORNEY DOCKET NO: 032218-018

SHEET 2 of 24

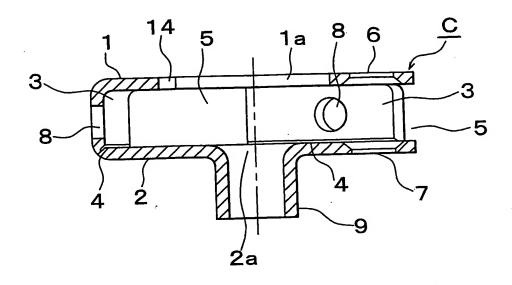
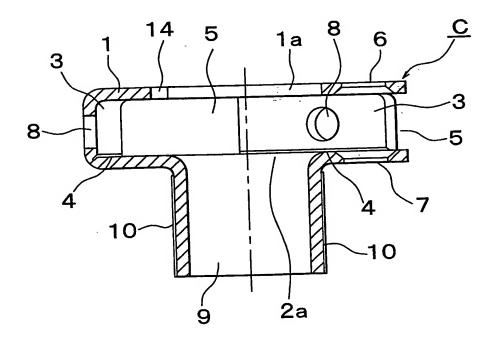


FIG. 4



INVENTOR(S): TAKASHI SUZUMURA ET AL. ATTORNEY DOCKET NO: 032218-018



SHEET 3 of 24

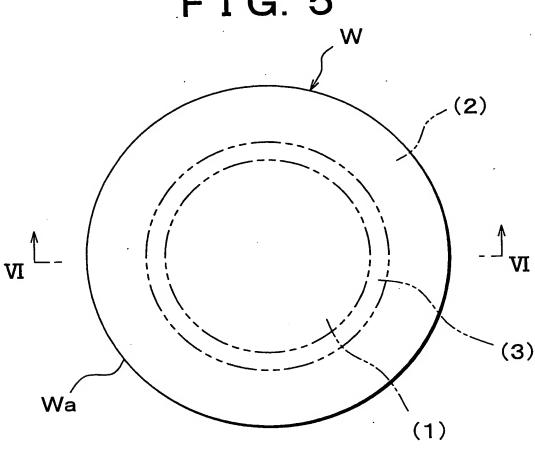
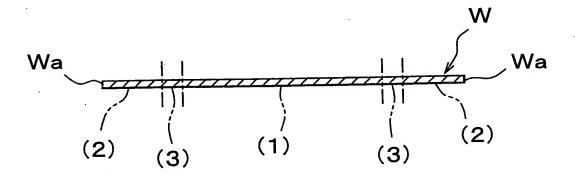


FIG. 6



INVENTOR(S): TAKASHI SUZUMURA ET AL.

SHEET 4 of 24 ATTORNEY DOCKET NO: 032218-018

FIG. 7

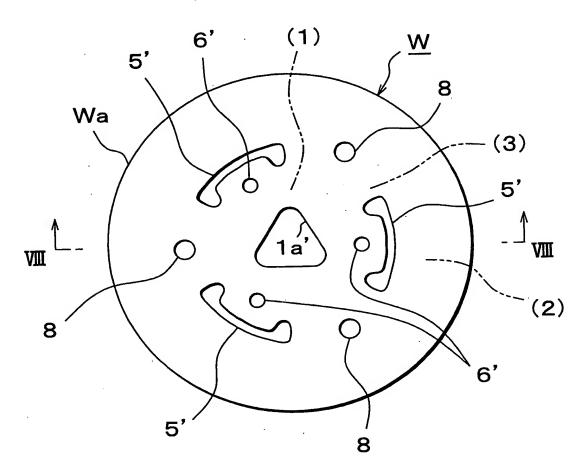
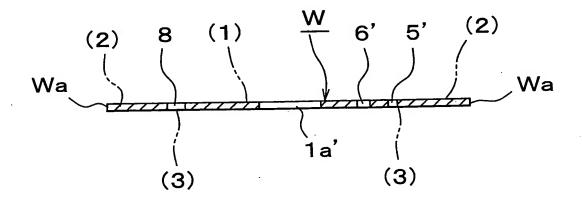


FIG. 8



INVENTOR(S): TAKASHI SUZUMURA ET AL.

ATTORNEY DOCKET NO: 032218-018 SHEET 5 of 24

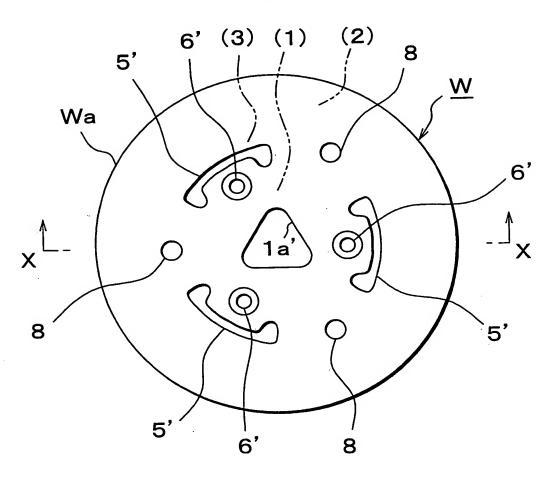
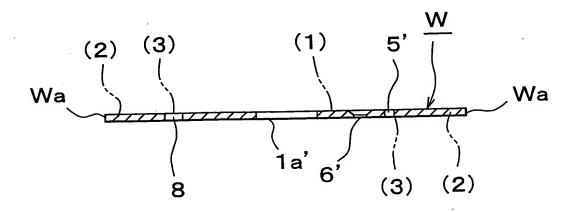


FIG. 10



INVENTOR(S): TAKASHI SUZUMURA ET AL. ATTORNEY DOCKET NO: 032218-018 SHEET 6 of 24

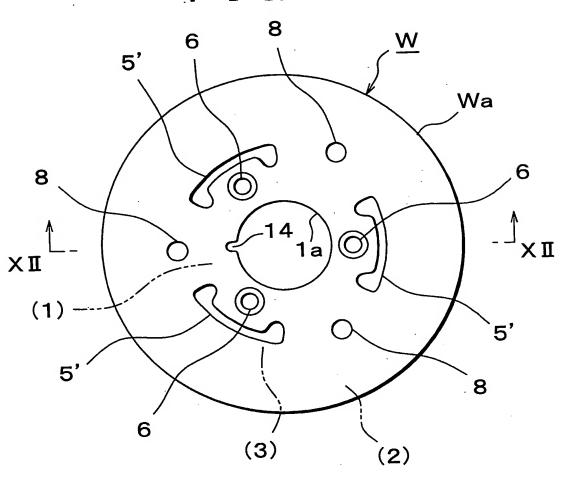
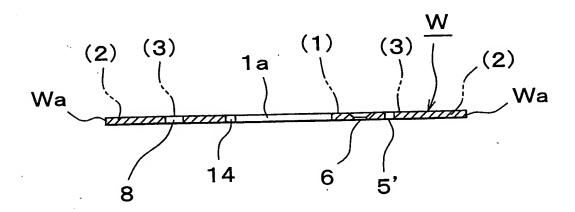


FIG. 12



INVENTOR(S): TAKASHI SUZUMURA ET AL.

ATTORNEY DOCKET NO: 032218-018 SHEET 7 of 24

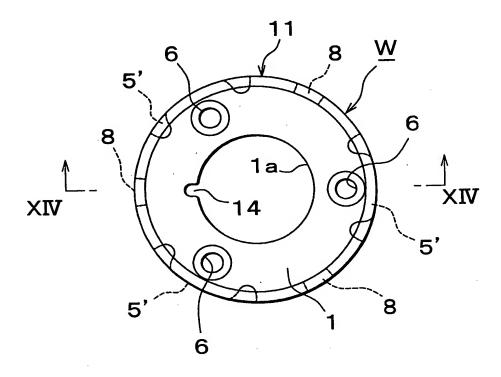
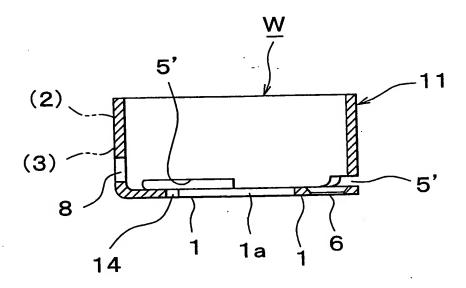


FIG. 14



INVENTOR(S): TAKASHI SUZUMURA ET AL.

ATTORNEY DOCKET NO: 032218-018 SHEET 8 of 24

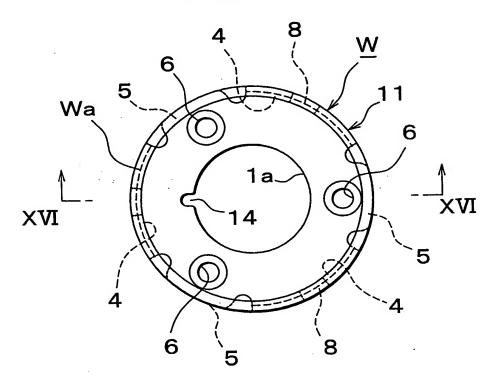
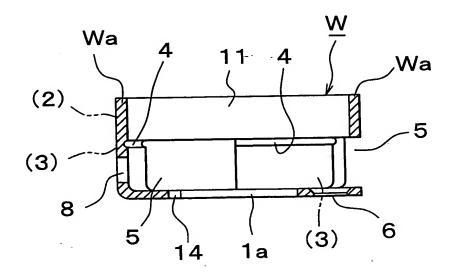


FIG. 16



INVENTOR(S): TAKASHI SUZUMURA ET AL. ATTORNEY DOCKET NO: 032218-018

**SHEET 9 of 24** 

### F I G. 17

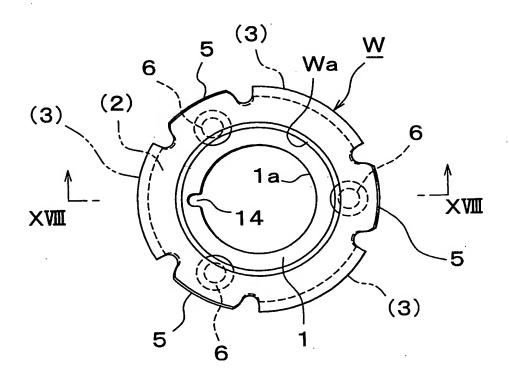
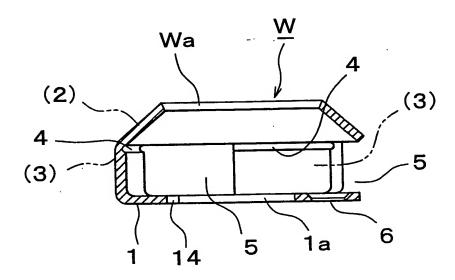


FIG. 18



INVENTOR(S): TAKASHI SUZUMURA ET AL. SHEET 10 of 24

ATTORNEY DOCKET No: 032218-018

FIG. 19

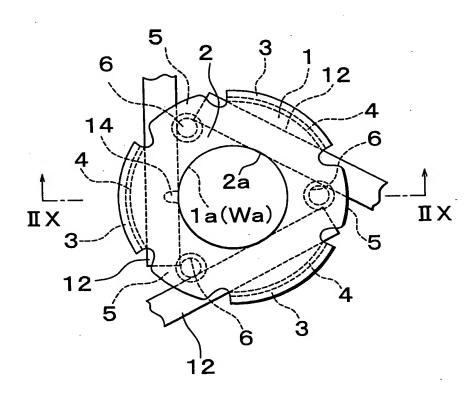
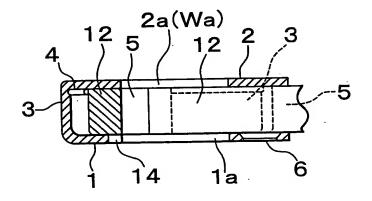


FIG. 20



INVENTOR(S): TAKASHI SUZUMURA ET AL.

ATTORNEY DOCKET NO: 032218-018 SHEET 11 of 24

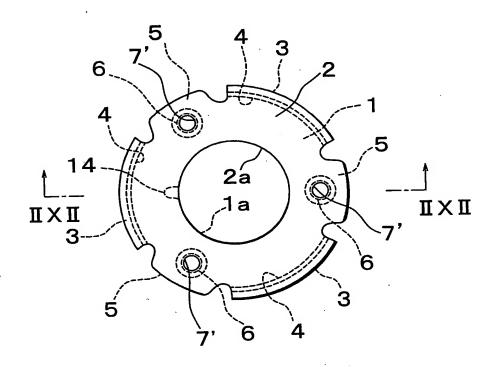
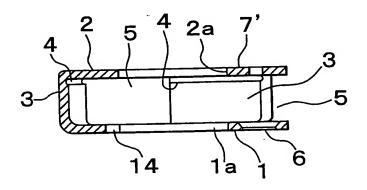


FIG. 22



INVENTOR(S): TAKASHI SUZUMURA ET AL.

ATTORNEY DOCKET NO: 032218-018 SHEET 12 of 24

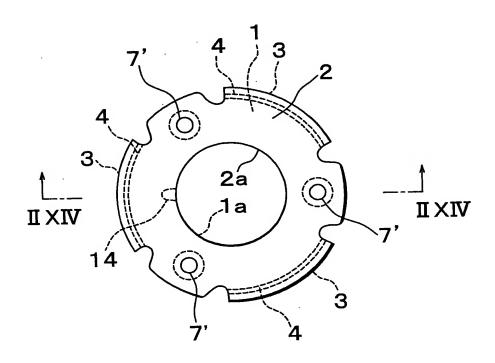
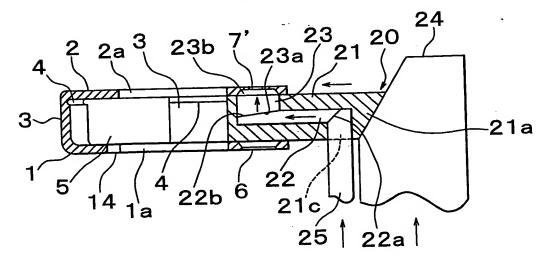


FIG. 24



INVENTOR(S): TAKASHI SUZUMURA ET AL.

ATTORNEY DOCKET NO: 032218-018

## FIG. 25

**SHEET 13 of 24** 

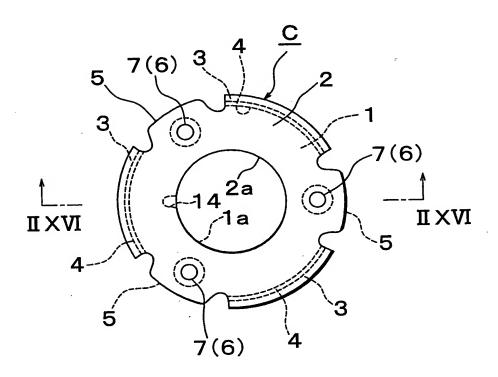
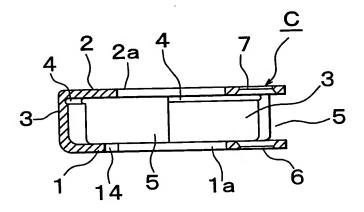


FIG. 26



INVENTOR(S): TAKASHI SUZUMURA ET AL.

**SHEET 14 of 24** ATTORNEY DOCKET NO: 032218-018

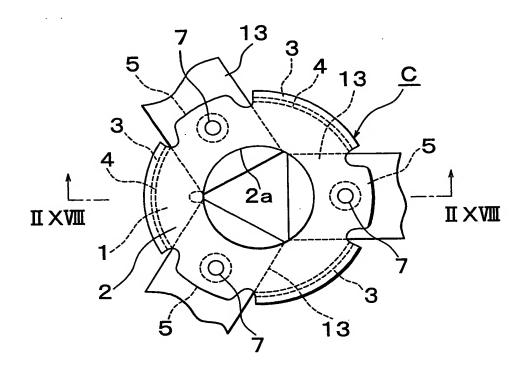
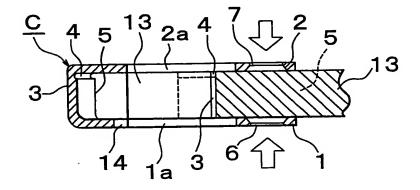


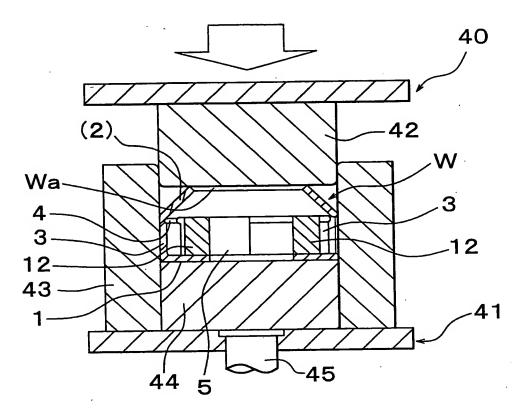
FIG. 28

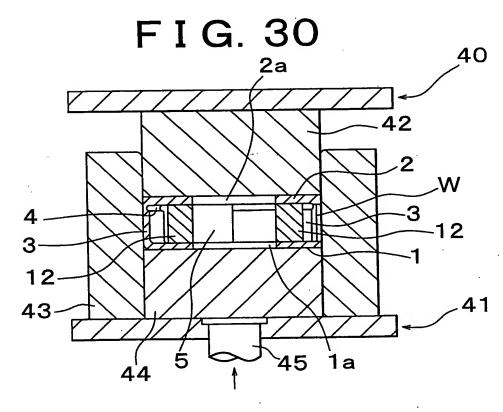


INVENTOR(S): TAKASHI SUZUMURA ET AL.

ATTORNEY DOCKET NO: 032218-018 SHEET 15 of 24

FIG. 29





MANUFACTURING CARRIER

INVENTOR(S): TAKASHI SUZUMURA ET AL. SHEET 16 of 24 ATTORNEY DOCKET NO: 032218-018

FIG. 31A

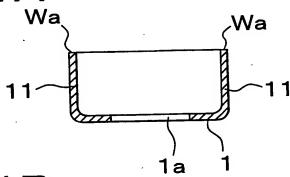


FIG. 31B

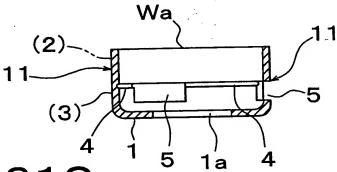


FIG. 31C

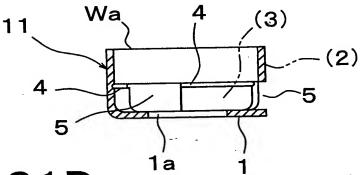
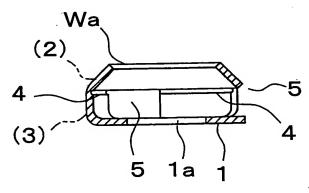


FIG. 31D



MANUFACTURING CARRIER

INVENTOR(S): TAKASHI SUZUMURA ET AL.

ATTORNEY DOCKET NO: 032218-018 SHEET 17 of 24

FIG. 32A

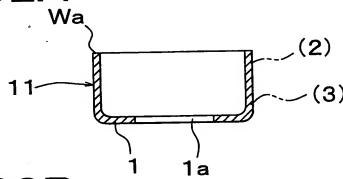


FIG. 32B

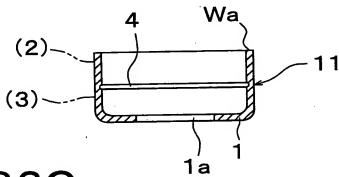


FIG. 32C

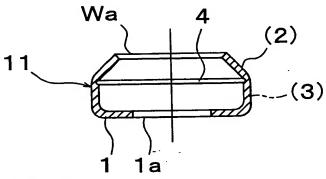
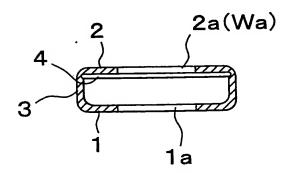


FIG. 32D



APPLN. FILING DATE: OCTOBER 22, 2003

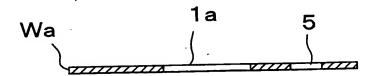
TITLE: CARRIER AND METHOD OF

MANUFACTURING CARRIER

INVENTOR(S): TAKASHI SUZUMURA ET AL.

**SHEET 18 of 24** ATTORNEY DOCKET NO: 032218-018

### FIG. 33A



F I G. 33B

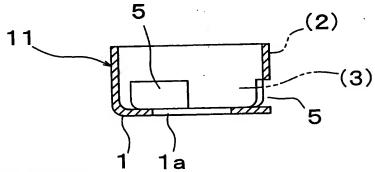


FIG. 33C

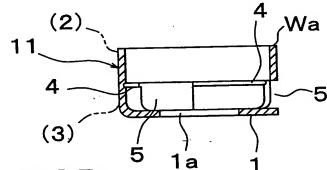
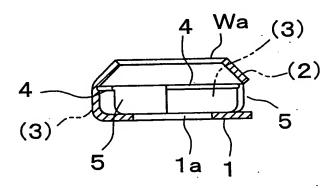


FIG. 33D



MANUFACTURING CARRIER

INVENTOR(S): TAKASHI SUZUMURA ET AL.
ATTORNEY DOCKET NO: 032218-018 SHEET 19 of 24

#### FIG. 34A

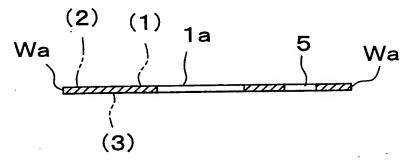


FIG. 34B

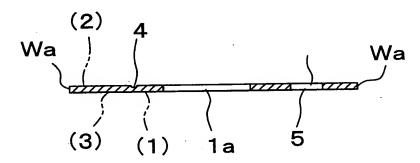


FIG. 34C

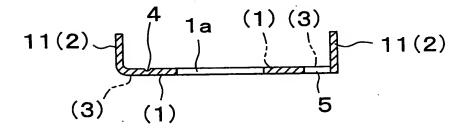
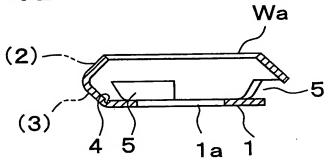


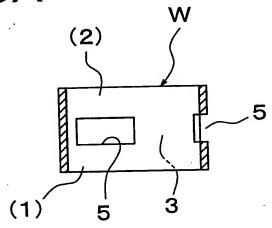
FIG. 34D



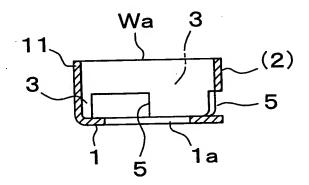
MANUFACTURING CARRIER INVENTOR(S): TAKASHI SUZUMURA ET AL.

ATTORNEY DOCKET NO: 032218-018 SHEET 20 of 24

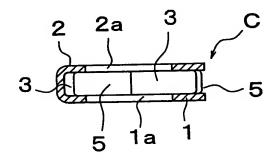
## FIG. 35A



## FIG. 35B



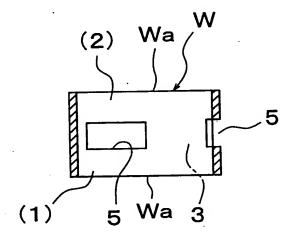
### FIG. 35C



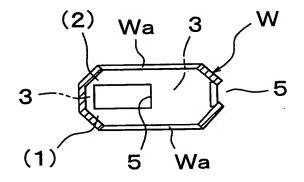
MANUFACTURING CARRIER INVENTOR(S): TAKASHI SUZUMURA ET AL.

ATTORNEY DOCKET NO: 032218-018 SHEET 21 of 24

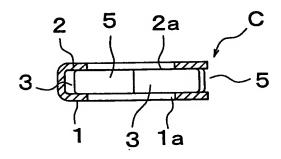
## FIG. 36A



### FIG. 36B



### FIG. 36C



MANUFACTURING CARRIER INVENTOR(S): TAKASHI SUZUMURA ET AL.

ATTORNEY DOCKET NO: 032218-018 SHEET 22 of 24

## FIG. 37A

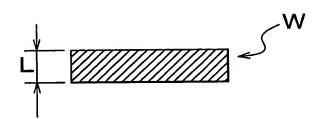


FIG. 37B

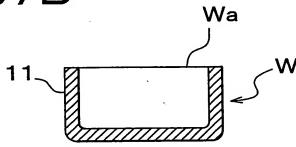


FIG. 37C

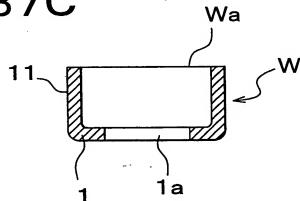
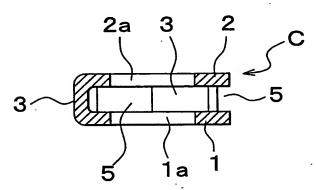


FIG. 37D

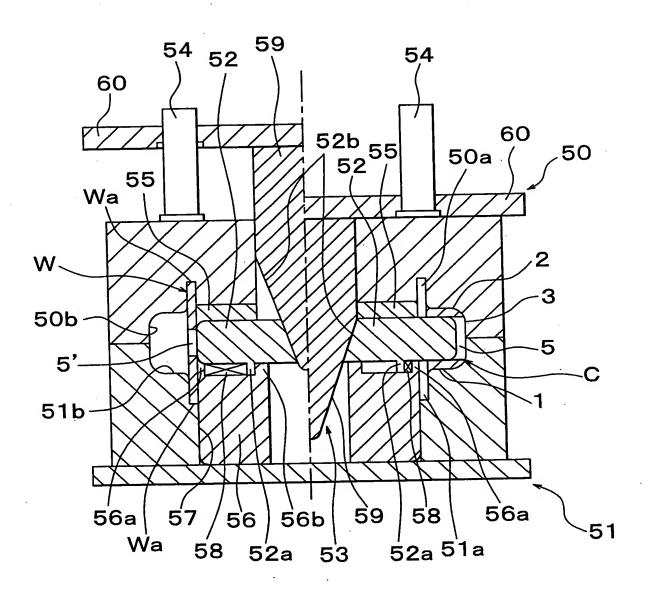


INVENTOR(S): TAKASHI SUZUMURA ET AL.

ATTORNEY DOCKET NO: 032218-018

**SHEET 23 of 24** 

FIG. 38



INVENTOR(S): TAKASHI SUZUMURA ET AL.

ATTORNEY DOCKET NO: 032218-018 SHEET 24 of 24

## FIG. 39

#### Related Art

